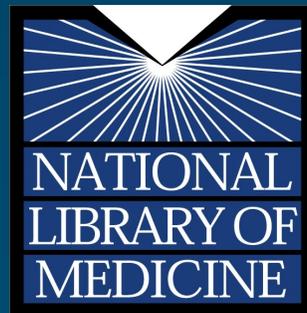


November 1, 2005

# MTI Usage



*Cliff Gay*

Indexing 2015 Meeting

# MTI Production

3,038,752 citations indexed

Since September 2002

1,082,000 in the last year

YEP reprocessing not included

“Pre-Medline” included



# Articles Seen

Unique citations – recommendations seen daily

Indexers:

January-May: 493

June-September: 513

Revisors:

January-May: 9.3

June-September: 4.8



# Article Frequency

Number of times the same recommendations were seen:

Median 1

Mean 1.3

Range 1- 9

Just 5% seen more than once.



## Article Frequency (2)

| Accesses | Articles |
|----------|----------|
| 9        | 13       |
| 8        | 35       |
| 7        | 71       |
| 6        | 213      |
| 5        | 629      |
| 4        | 1790     |



# Article Frequency (3)

## Example 1 – seen 9 times

One article with 9 accesses had all occur within about 1/2 hour. The last time there were 10 terms in the indexing that matched MTI recommendations.

## Example 2

The indexer had 7 matching terms one day but they were cut back to 4 the next day. The revisor removed 2 of the MTI terms and later added them back or picked two other MTI terms.



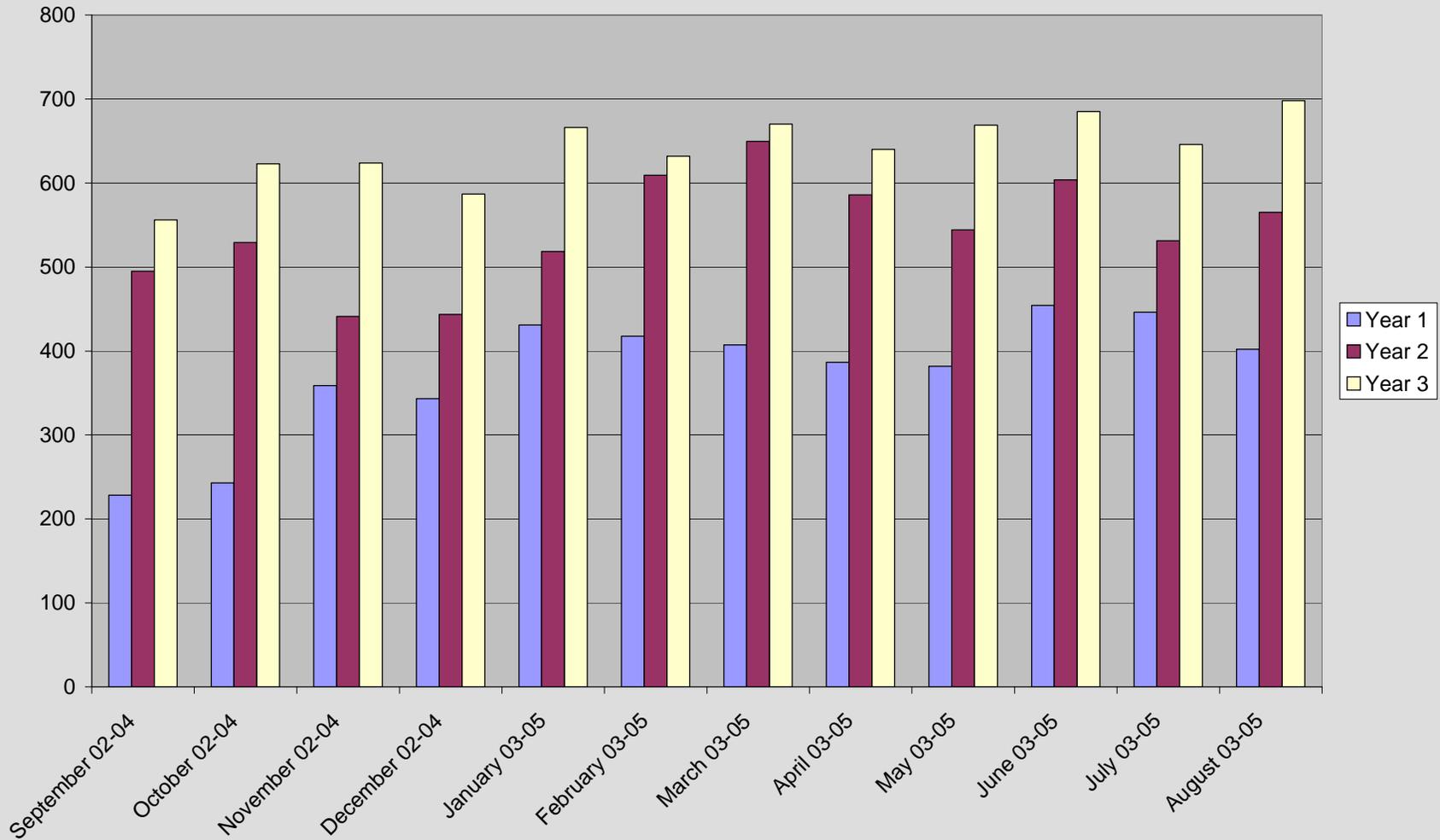
# Timeliness

Only 223 (0.2%) came in for articles that had not yet been indexed by MTI.

99.85% availability



### Medical Text Indexer Daily Average Articles Requested

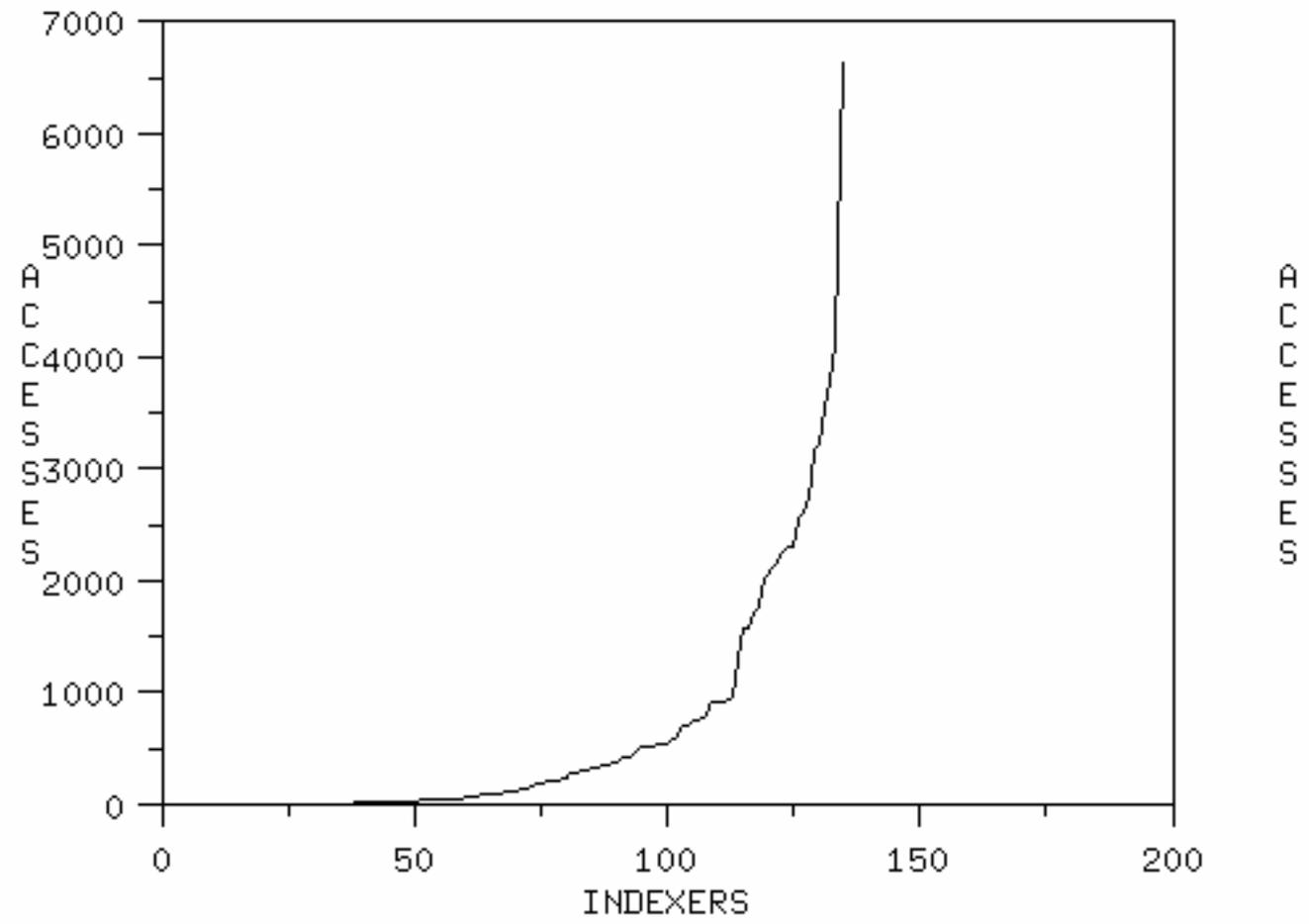


# Indexer Usage of MTI

| Count                               | Jan-May  | June-Sept |
|-------------------------------------|----------|-----------|
| Indexers using at least once        | 124      | 135       |
| Indexers using more than once a day | 60       | 65        |
| Mean number of accesses             | 38/week  | 35/week   |
| Median number of accesses           | 7.5/week | 6.2/week  |
| Range of accesses                   | 0-350/wk | 380/week  |



# INDEXER ACCESS FREQUENCY



# Changing Use of MTI

Comparing monthly access rates for three similar periods in the last year.

Sept-December 2004  
(4 months)

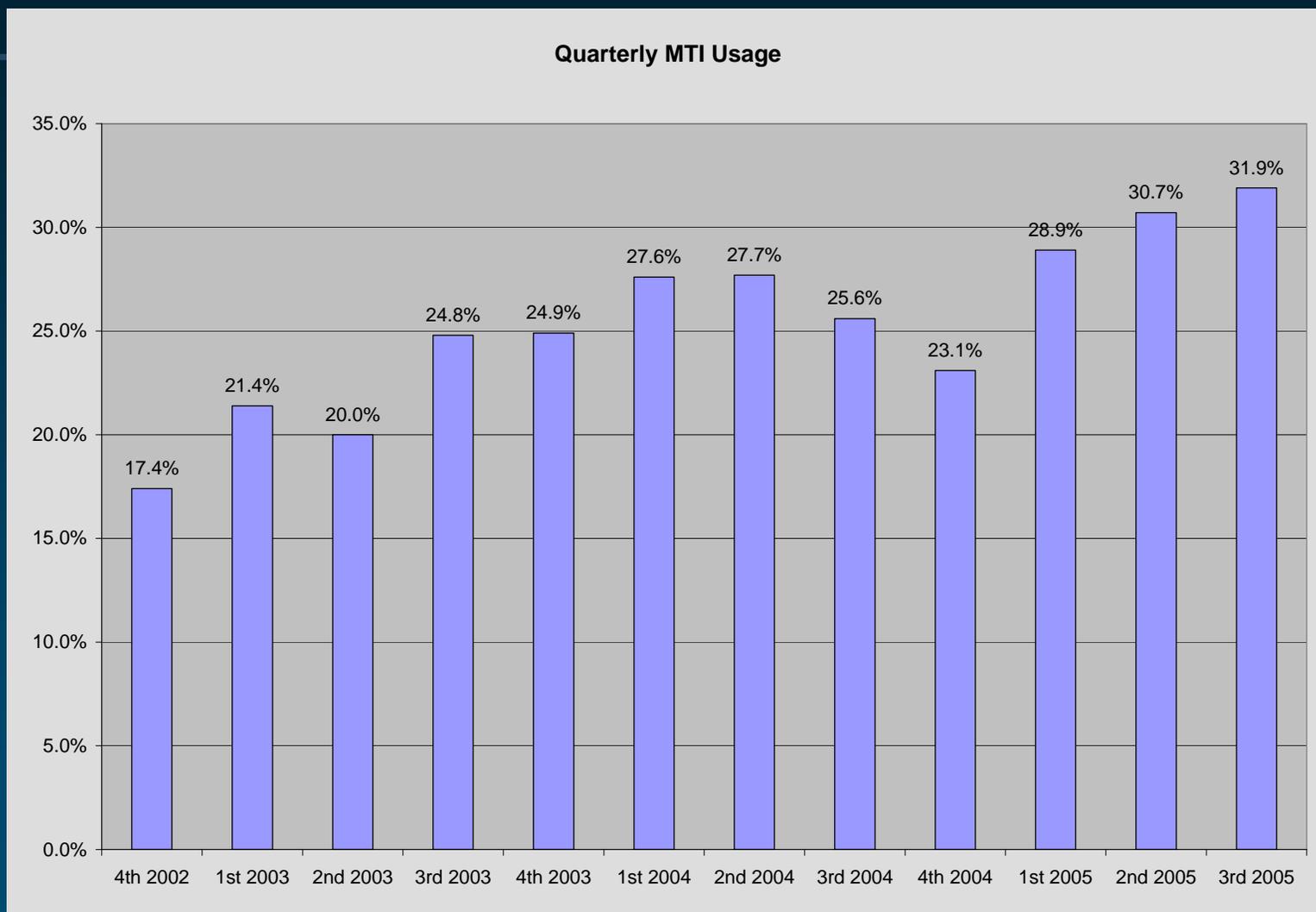
January to May 2005  
(5 months)

June to September 2005  
(4 months)

|                  | Jan-May |     | Jun-Sep |     |
|------------------|---------|-----|---------|-----|
| Increased        | 65      | 56% | 55      | 47% |
| Decreased        | 52      | 44% | 61      | 53% |
| Average increase | 39      |     | 37      |     |
| Average decrease | 30      |     | 23      |     |



# MTI Usage



# Revisor Use of MTI

Number of Revisors using MTI at least once while revising:

January – May: 23

June – September: 21

(There are 25 active revisors.)

Only one used MTI more than once a day.

Collectively they access MTI

January – May: 51.6/week

June – September: 17.4/week



# Revisor Use for Indexing

| Count                               | Jan-May   | June-Sept |
|-------------------------------------|-----------|-----------|
| Revisors using at least once        | 15        | 23        |
| Revisors using more than once a day | 5         | 9         |
| Mean number of accesses             | 10.5/week | 17.4/week |
| Median number of accesses           | 3.7/week  | 3.4/week  |
| Range of accesses                   | 0-43/week | 0-62/week |



# Revisor Use Patterns

## Observations:

The heaviest user in indexing used MTI only once during revision.

A heavy user during revision use MTI only lightly during indexing.

